ABSTRACT OF THE DISCLOSURE
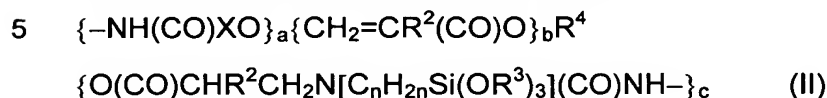
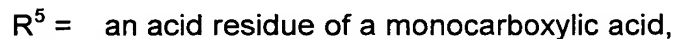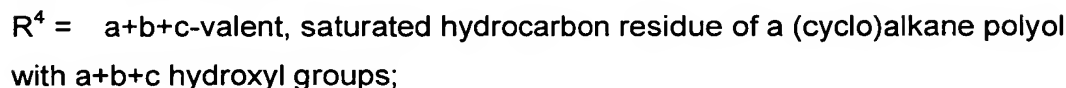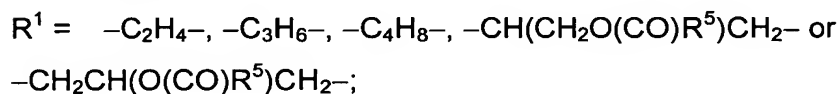Polyurethaneurea resins containing at least one group of the formula (I)

$$-NH(CO)XOR^1O(CO)CHR^2CH_2N[C_nH_{2n}Si(OR^3)_3](CO)NH- \qquad (I)$$

and/or at least one group of the formula (II)

5     $\{-NH(CO)XO\}_a\{CH_2=CR^2(CO)O\}_bR^4$

$$\{O(CO)CHR^2CH_2N[C_nH_{2n}Si(OR^3)_3](CO)NH-\}_c \qquad (II)$$

wherein

X = $[O(CH_2)_4]_q(OC_2H_4)_x(OC_3H_6)_y[O(CH_2)_5(CO)]_z$;

q =   0 to 10;

10   x =   0 to 20;

y =   0 to 20;

z =   0 to 10;

n =   2 or 3;

a =   1 or 2;

15   b =   0 to 4;

c =   1 to 5;

R^1 = $-C_2H_4-$, $-C_3H_6-$, $-C_4H_8-$, $-CH(CH_2O(CO)R^5)CH_2-$ or

$-CH_2CH(O(CO)R^5)CH_2-$;

R^2 =   H or CH_3;

20   R^3 =   C1 to C4 alkyl;

R^4 =   a+b+c-valent, saturated hydrocarbon residue of a (cyclo)alkane polyol with a+b+c hydroxyl groups;

R^5 =   an acid residue of a monocarboxylic acid,
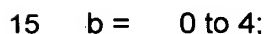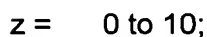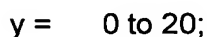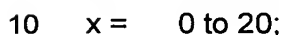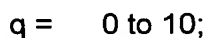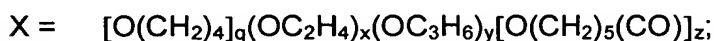
with the proviso that a+b+c = 3 to 6 and wherein the sequence of the

25   subformulae indicated q, x, y and z may be varied at will and q, x, y and z in each case merely state the number of instances of the particular subformulae contained in the formulae (I) and (II).